

APPENDIX A

CONSUMPTIVE USE PERMITS

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NWFWMMD Form No. A2-E)

Permit granted to:	Permit No.: <u>1983-0078 Modification</u>
<u>Auburn Water System, Inc.</u>	Date Permit Granted: <u>January 27, 2000</u>
<u>3097 Locke Lane</u>	Permit Expires On: <u>January 28, 2010</u>
<u>Crestview, Florida 32536</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>C</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05709</u>	Township <u>3-4 North</u> Range <u>22-23 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **1,400,000** gallons of water per day, a maximum combined withdrawal of **2,840,000** gallons during a single day, and a combined monthly withdrawal of **60,000,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
AWS #1 (AAA5152)	Sec. 33, T4N, R23W		640,800
AWS #2 (AAA0384)	Sec. 15, T4N, R23W		640,800
AWS #3 (AAA5153)	Sec. 25, T4N, R23W		720,000
AWS #4 (AAA5151)	Sec. 31, T4N, R23W		1,152,000
AWS #5 (AAA5150)	Sec. 4, T3N, R23W		864,000
AWS #6	Sec. 15, T3N, R22W		720,000 Proposed

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
Auburn Water System, Inc.

Individual Water Use Permit No. 1983-0078
Individual Water Use Application No. I05709

1. The Permittee, by January 31, 2001, shall develop and implement a water use accounting system for its service area. The system shall provide for an accurate determination of the amounts of water withdrawn, the amounts of water billed to customers, and the amounts unaccounted for due to leaks, line breaks, inaccurate meters, unmetered users, line flushing, etc.
2. The Permittee, by January 31, 2001, shall initiate the implementation of the following water conservation/efficiency measures and shall achieve full implementation of each by January 31, 2004.
 - a. Reduction of water losses and unaccounted for supplies to less than 10 percent of the water withdrawn from the Floridan Aquifer plus any transported into the service area.
 - b. Conduct a study evaluating the effects of the existing rate structure on water use. The Permittee shall consider the adoption of a rate structure that promotes water efficiency and conservation, while providing a "life-line" initial rate.
 - c. Promote the installation of private non-Floridan Aquifer irrigation wells (where feasible), and the installation of high-efficiency plumbing fixtures which exceed the present standards of the Southern Building Code.
 - d. Development of a proactive customer water conservation/efficiency education program. The program shall also specifically inform existing customers of the automatic irrigation shut-off requirement of Chapter 373.62, Florida Statutes.
 - e. Encourage Okaloosa County to adopt a Xeriscape Ordinance which meets the provisions of Chapter 373.185, Florida Statutes, and substantially incorporates the guidelines provided in A Water-Efficient Landscaping Guide for Local Governments, 2nd Edition, prepared by the state's water management districts.

The Permittee, by January 31 of each year, shall submit to the District an update on the progress of implementing each of the items identified above. The report shall identify implementation goals, implementation dates, achievement highlights and other information that describes the success and future goals of the program. The first progress report is due by January 31, 2001.

3. The Permittee, by January 31 of each year, shall submit to the District the calculated average daily and maximum daily per capita demands within its service area. Per capita demands can be calculated by dividing the total water use by the population served. If per capita demands are skewed by the demands of significant water uses, the Permittee can deduct these uses

provided that they are accounted for separately. Significant water users can be considered to be an individual non-residential customer using 25,000 gallons per day or greater on an annual average basis. The method of estimating the population served shall be provided with the data.

4. The Permittee, by July 31, 2002, shall provide to the City of Crestview and the District a list of potential reuse customers within the Auburn service area. Further, the Permittee, on an individual basis, shall provide any necessary approvals to the City of Crestview to provide “non-potable water” (reclaimed water) to customers within its service area if reuse service to such users is determined feasible by the City of Crestview.
5. The Permittee, at the time of construction, shall conduct a specific capacity test on proposed well AWS #6. The test shall be of at least a 24-hour duration. The Permittee, prior to conduction of the test, shall contact the District for assistance in designing the method and specifics of data collection. The results of the tests shall be forwarded to the District within 60 days of completion of the well, along with any driller’s logs, geophysical logs, and water quality analysis conducted as part of the well construction process.
6. The Permittee, biannually during the months of January and June, shall collect static water level measurements from each of its public supply wells. The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The data shall be submitted by the end of the month following the collection of water levels. The first report is due no later than July 31, 2001.
7. The Permittee, by January 31 of each year, shall report the following information:
 - a. The data required on Water Use Summary Reporting Form NFWWMD A2-I for the preceding twelve months.
 - b. Itemized estimate of unaccounted for water within the Auburn service area by suspected cause (e.g., leaks, breaks, line flushing, etc.) starting with the January 31, 2001 report.
 - c. Updates on any adopted revisions to the Auburn Service Area Map.
8. The Permittee shall mitigate any unexpected impacts attributable to Auburn’s withdrawals which interfere with any existing legal users of water. In the event of such an occurrence, Auburn shall provide a service connection to the impacted user or otherwise mitigate the impact. The Permittee shall report to the District the occurrence of any such impacts and shall identify the action undertaken to address the impacts.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
STANDARD WATER USE PERMIT
(NFWMD Form No. 94)

Permit granted to:	Permit No.: <u>S910141 Modification</u>
<u>Baker Water System, Inc.</u>	Date Permit Granted: <u>March 24, 1994</u>
<u>Post Office Box 98</u>	Permit Expires on: <u>March 25, 2004</u>
<u>Baker, Florida 32531</u>	Source Classification: <u>Floridan Aquifer System</u>
(Legal Name and Address)	Use Classification: <u>Public Supply</u>
County <u>Okaloosa</u> Area <u>C</u>	Location: Section <u>31</u> 1/4 Section <u>C</u>
Application No. <u>S04830</u>	Township <u>4 North</u> Range <u>24 West</u>

Terms and standard conditions of this Permit are as follows:

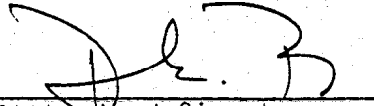
1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the assignee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of 245,000 gallons of water per day with a maximum total combined withdrawal rate not to exceed 460,000 gallons during a single day. Withdrawals are authorized as shown in the table below:

6. WITHDRAWAL POINT I.D. NUMBER & LOCATION	GALLONS PER DAY AVERAGE	GALLONS PER DAY MAXIMUM	MANAGEMENT LEVEL
BWS #1 - Sec. 31, T4N, R24W		216,000	
BWS #2 - Sec. 31, T4N, R24W		460,000	
BWS #3 - Sec. 31, T4N, R24W		460,000 Proposed	

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, from time to time upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit monthly or quarterly pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any adverse impact caused by withdrawals permitted herein on legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes an adverse impact on legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels decline below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage, the District may alter, modify or inactivate all or parts of this permit.
15. Any Special Permit Condition enumerated in Attachment A and/or any other conditions enumerated in Attachment B are herein made a part of this permit.



Authorized Signature
Northwest Florida Water
Management District

TAP/tp

ATTACHMENT
Baker Water System, Inc.

Standard Water Use Permit No. S910141
Application No. S04830

1. The Permittee shall construct the Floridan Aquifer System well (BWS #3) with a production casing diameter no greater than 16-inches and a well pump size no greater than 500 gpm.
2. The Permittee shall provide a report by January 31 of each year, which summarizes in tabular form, the following information:
 - a. The maximum daily withdrawal amount used on each peak usage day for each well and for the system during each month.
 - b. The total monthly withdrawal amount withdrawn by the system.The first submittal is due by January 31, 1995.
3. The Permittee shall provide the District the following information on the proposed well within 30 days of the completion of the well:
 - a. A copy of any geophysical log (if any are performed).
 - b. A copy of the specific capacity test results performed on the well. The specific capacity test shall be of at least a 24 hour duration or until the water levels have approximately stabilized (0.1 ft. per hour).
 - c. A copy of the initial water quality test results (chloride, sodium, conductivity, and pH) performed on the proposed well. The water quality sampling should occur at the conclusion of the pump test.
4. The Permittee shall abide by, and actively assist Okaloosa County in the implementation of the provisions of the Water Conservation Act of 1982, Section 553.14, Florida Statutes.
5. The Permittee shall encourage and provide for the efficient and non-wasteful use of water, and shall implement water conservation measures designed to enhance water use efficiency and reduce water demand and water losses.
6. The Permittee shall continue the interconnection of its water supply system with other public water supply systems in the area.
7. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative code.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>830023 Modification</u>
<u>City of Crestview</u>	Date Permit Granted: <u>May 27, 1999</u>
<u>Post Office Box 1209</u>	Permit Expires On: <u>May 28, 2009</u>
<u>Crestview, Florida 32536</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>C</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05547</u>	Township <u>3 North</u> Range <u>23, 24 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **3.71 million** gallons of water per day, a maximum combined withdrawal of **5.57 million** gallons during a single day, and a combined monthly withdrawal of **150.0 million** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
COC #1 (AAA5147)	Sec 17, T3N, R23W		432,000
COC #2 (AAA5148)	Sec. 17, T3N, R23W		646,560
COC #3 (AAA5146)	Sec. 18, T3N, R23W		658,080
COC #4 (AAA0548)	Sec. 17, T3N, R23W		612,000
COC #5 (AAA5149)	Sec. 6, T3N, R23W		1,202,400
COC #6 (AAA9098)	Sec. 31, T3N, R23W		1,152,000
COC #7 (To Be Assigned)	Sec. 29, T3N, R23W		1,152,000 Proposed
COC #8 (To Be Assigned)	Sec. 25, T3N, R23W		1,152,000 Proposed
COC #9 (To Be Assigned)	Sec. 36, T3N, R24 W		1,152,000 Proposed

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT

City of Crestview

Individual Water Use Permit No. 830023
Individual Water Use Application No. I05547

1. The Permittee, by January 31, 2000, shall develop and implement a water use accounting system for its service area. The system shall provide for an accurate determination of the amounts of water withdrawn, the amounts of water billed to customers, and the amounts unaccounted for due to leaks, line breaks, inaccurate meters, unmetered users, line flushing, etc.
2. The Permittee, by January 31, 2000, shall initiate the implementation of the following water conservation/efficiency measures and shall achieve full implementation of each by January 31, 2004.
 - a. Reduction of water losses and unaccounted for supplies to less than 10 percent of the water withdrawn from the Floridan Aquifer plus that transported into the service area.
 - b. Conduct a study evaluating the effects of the existing rate structure on water use. The Permittee shall consider the adoption of a rate structure that would promote water efficiency and conservation, while providing a “life-line” initial rate.
 - c. Evaluation of the adoption of a tap fee structure that promotes the installation of private Sand-and-Gravel Aquifer irrigation wells (where feasible), the use of Xeriscape landscaping techniques, and the installation of high-efficiency plumbing fixtures which exceed the present standards of the Southern Building Code.
 - d. Development of a proactive customer water conservation/efficiency education program. The program shall also specifically inform existing customers of the automatic irrigation shut-off requirement of Chapter 373.62, Florida Statutes.
 - e. Adoption of a Xeriscape Ordinance which meets the provisions of Chapter 373.185, Florida Statutes, and substantially incorporates the guidelines provided in *A Water-Efficient Landscaping Guide for Local Governments, 2nd Edition*, prepared by the state’s water management districts.
 - f. Adoption of an ordinance to provide for enhanced irrigation efficiency, including alternate days and specific irrigation times (e.g., odd/even days and 4 p.m. to 10 a.m.).

The Permittee, by January 31 of each year, shall submit to the District an update on the progress of implementing each of the items identified above. The report shall identify implementation goals, implementation dates, achievement highlights and other information that describes the success and future goals of the program. The first progress report is due by January 31, 2001.

3. The Permittee, by January 31 of each year, shall submit to the District the calculated average daily and maximum daily per capita demands within its service area. Per capita demands can be calculated by dividing the total water use (including that transported into the service area) by the population served. If per capita demands are skewed by the demands of significant water uses, the Permittee can deduct these uses provided that they are accounted for separately. Significant water users can be considered to be an individual non-residential customer using 25,000 gallons per day or greater on an annual average basis. The method of estimating the population served shall be provided with the data.
4. The Permittee shall investigate the feasibility of developing a comprehensive reclaimed water program within its service area. The goal of the reuse program will be to provide reclaimed water to users who presently withdraw ground or surface water for non-potable purposes (e.g., landscape, golf course and playing field irrigation). The Permittee, by January 31, 2003, shall submit a report to the District describing the investigation and the feasibility determination. The report, at a minimum, shall identify the volume and level of the treatment of the effluent available, any planned upgrades to the wastewater treatment plant, the potential reuse customers within the City's service area, the amount of reclaimed water that the customer could use, and, if determined feasible, an implementation schedule for each potential reuse customer. If potable water is used at the City's wastewater treatment plant, the report shall also specifically address the feasibility of replacing this use with reclaimed water. If the development of a reclaimed water program is determined to be infeasible, the Permittee shall provide the basis and all supporting documentation for the determination.
5. The Permittee shall submit to the District for technical evaluation and approval, the final design specifications and site locations for proposed wells COC #7, #8 and #9 prior to commencement of well construction.
6. The Permittee shall conduct a multi-well aquifer test at the site of Crestview well #7 (Hospital well). The aquifer test shall be conducted at the time of construction of well #7 and be performance based with its goal being to more accurately determine the hydraulic characteristics of the wellfield. The following data collection and analyses are required:
 - a. Perform an aquifer test consisting of one Floridan Aquifer test well and at least three Floridan Aquifer observation wells. The aquifer test program should be designed to determine the hydraulic properties of that portion of the hydrostratigraphic sequence proposed for use as the production zone. Radial distances to observation wells from the test well should be based on analytical modeling and submitted to the District for review and approval. A copy of the aquifer test plan shall be provided to the District for review.
 - b. An observation well shall be constructed into the Sand-and-Gravel Aquifer, at a distance not to exceed 50 feet from the test well.
 - c. The test well should be pumped as close to the proposed production well capacity as possible. The aquifer test should last for at least 72 hours. Detailed documentation (i.e.,

log-log data curves, type curves) of the aquifer test evaluation should be maintained and submitted to the District.

- d. When designing the test well production rate and observation well spacing, consideration should be given to the impact of adjacent pumping on water levels at the site. The recovery data at the end of the test shall be collected for a minimum of 24 hours.
 - e. Obtain geologic log, caliper log, electrical resistivity (16-64) logs (in the open hole), gamma log, and cuttings (every ten feet) from the test production well.
 - f. Data collected as part of the aquifer test shall be submitted to the District within 60 days of completion of the test.
7. The Permittee shall conduct a specific capacity test on Crestview wells #8 and #9 at the time of construction. The test shall be of at least a 24-hour duration. The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The results of the tests shall be forwarded to the District within 60 days of completion of the well, along with any driller's logs, geophysical logs, and water quality analysis conducted as part of the well construction process.
 8. The Permittee, by January 31, 2001, shall construct two Floridan Aquifer monitor wells (minimum diameter four inches). These wells shall be spaced to maximize the distance from all public supply and other large production wells in order to provide data that best reflect regional impacts. Possible monitoring well sites shall be submitted to the District for review and approval. These wells shall be equipped with locking steel protective casing to prevent vandalism of the wellhead.
 - a. The Permittee, at the time of construction of the monitoring wells, shall survey the measuring point and the surface elevation at each monitoring well and at production wells AAA0548 (COC #4) and AAA9098 (COC #6), relative to the National Geodetic Vertical Datum (NGVD). These data shall be provided, along with a photograph of the wellhead, within 60 days of the construction of the final monitoring well.
 - b. The Permittee, using a District-approved device, shall have water level measurements taken during the first two weeks of each month from the two monitoring wells and production wells AAA0548 (COC #4) and AAA9098 (COC #6). The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The data shall be submitted quarterly with the water system's pumping reports as specified in Specific Condition No. 9.
 - c. The Permittee, during the first two weeks of July of each year, shall have water quality analysis tests conducted on water from well AAA0548 (COC #4). The water quality analysis shall test for the following chemical parameters: chloride, sodium, sulfate, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge a minimum of three to five well volumes from the well, and shall report with each set of test results, the duration of purging, purge volume,

and purge rates used. The data shall be submitted with the water system's pumping reports as specified in Specific Condition No. 9.

9. The Permittee, by January 31, April 30, July 31, and October 31 of each year, shall report the following information:
 - a. The data required on Water Use Summary Reporting Form NFWWMD A2-I for the preceding three months. Separate forms shall be used to account for water provided to the City of Crestview by the Okaloosa County Water and Sewer System.
 - b. Itemized estimate of unaccounted for water within the Crestview service area by suspected cause (e.g., leaks, breaks, line flushing, etc.) starting with the January 31, 2000 report.
 - c. Static water level collected according to the schedule identified in Specific Condition 8b.
 - d. Water quality data collected according to the schedule identified in Specific Condition 8c.
 - e. Updates on any adopted revisions to the City of Crestview Service Area Map.

The first report is due by July 31, 1999, for the months of January through June. Subsequent reports shall be for the preceding three months water use (i.e., the October 31, 1999 report shall provide the City's water use during the months of July, August and September). The Permittee shall reference the City's wells by the Florida Unique Identification Number (e.g., AAA#####).

10. The Permittee shall mitigate any unexpected impacts attributable to the City's withdrawals which interfere with any existing legal users of water. In the event of such an occurrence, the City shall provide a service connection to the impacted user or otherwise mitigate the impact. The Permittee shall report to the District the occurrence of any such impacts and shall identify the action undertaken to address the impacts.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>19830102 Renewal/Modification</u>
<u>Destin Water Users, Inc.</u>	Date Permit Granted: <u>October 24, 2002</u>
<u>P.O. Box 308</u>	Permit Expires On: <u>September 29, 2006</u>
<u>Destin, Florida 32540</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>A</u>	Location: Section _____ 1/4 Section _____
Application No.: <u>I06169</u>	Township <u>2 South</u> Range <u>22, 23 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **3,460,000** gallons of water per day, a maximum combined withdrawal of **5,870,000** gallons during a single day, and a combined monthly withdrawal of **146,290,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
DWU #2 (AAA0464)	T2S, R23W		1,872,000
DWU #3 (AAA0462)	T2S, R22W		1,440,000
DWU #4 (AAA0463)	T2S, R22W		1,440,000
DWU #5 (AAA0461)	T2S, R22W		1,440,000
DWU #7 (AAA0465)	T2S, R22W		1,224,000
DWU #8 (AAA6926)	T2S, R22W		864,000
DWU #9 (AAA9321)	T2S, R22W		864,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
Destin Water Users, Inc.

Individual Water Use Permit No. 19830102
Individual Water Use Application No. I06169

1. The Permittee shall have water level measurements taken during the first two weeks of each month from all monitor and production wells. The data shall be submitted quarterly with the water system's pumping reports as specified below in Specific Condition No. 3. Water level data obtained from the production wells shall be representative of static conditions.
2. The Permittee shall conduct water quality analysis tests on water from all production wells during the first two weeks of the months of January, April, July, and October. The water quality analysis shall test for the following chemical parameters: chloride, sodium, and total dissolved solids. Prior to sampling, the Permittee shall purge a minimum of three to five well volumes from the wells, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used. The data shall be submitted with the water system's pumping reports as specified below in Specific Condition No. 3.
3. The Permittee, by January 31, April 30, July 31, and October 31 of each year, shall report the following information.
 - a. The data required on Water Use Summary Reporting Form NFWWMD A2-I for the preceding three months for all coastal production wells. The Permittee shall coordinate this information with that provided for the inland wellfield in such a way as to clearly identify, the average daily, maximum daily, and maximum monthly amounts of water obtained by SWUC from its coastal wells, its inland wellfield and as a system total. Flow meters shall be maintained in working order on all production wells.
 - b. The static water level and water quality data collected according to the schedule identified above in Specific Conditions No. 1 and No. 2.

The Permittee shall reference the utility's wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).

4. The Permittee shall continue to work with the District to develop a ground water model of the area(s) from which its water supplies are being withdrawn to evaluate the impacts on the Floridan aquifer. The required Resource Impact Analysis Evaluation shall address the following topics:
 - a. Impacts on the potentiometric surface of the Upper Floridan aquifer;
 - b. Projected migration of the freshwater/saltwater interface within the Floridan aquifer;

- c. Changes in ground water velocities that result from increases between present, permitted, and proposed pumpage; and,
 - d. Impacts to permitted and domestic users.
- 5. The Permittee, by July 31, 2003, shall prepare and submit to the District an updated water resource management strategy with the goal of achieving the long-term sustainability of the Floridan Aquifer within the service area. The required management strategy shall address the following:
 - a. A report on meeting the DWU's portion of the Resource Recovery Plan submitted as a requirement of WUP No. 19840096;
 - b. One hundred percent utilization of reclaimed water supplies to replace irrigation and other non-potable uses of the Floridan aquifer; and,
 - c. A comprehensive conservation program that provides for demand reductions and increased system efficiency.
- 6. The Permittee shall continue to provide for 100 percent utilization of the available reuse supplies. This effort shall include limiting the application of reclaimed water at the Destin Airport and any other backup locations to only those times when customers and storage facilities are unable to receive reclaimed water. The Permittee shall, when allocating the reuse supplies, give greater consideration to customers which presently utilize the Floridan aquifer for non-potable uses.
- 7. The Permittee shall maintain, in working order, in-line totaling flow meters on all wells.
- 8. The Permittee shall mitigate impacts attributable to the authorized withdrawals that interfere with users of water in the vicinity of its coastal wells. The Permittee shall report the occurrence of any such impacts to the District and shall identify the mitigation action undertaken to address the impacts.
- 9. The Permittee shall comply with any and all duties and responsibilities that are placed upon them under Individual Water Use Permit No. 19980046.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
(NWFWM D)

STANDARD WATER USE PERMIT

Permit Granted to:

Holt Water Works, Inc.

P. O. Box 308

Holt, FL 32564

(Legal Name and Address)

County Okaloosa Area A

Application No.: S01758

Permit No.: S841586-System

Date Permit Granted: June 28, 1984

Permit Expires on: July 1, 2004

Source Classification: Floridan Aquifer

Use Classification: Public Water Supply

Location: Section 4, 33 1/4 Section

Township 2, 3 North Range 25 West

Terms and standard conditions of this Permit are as follows:

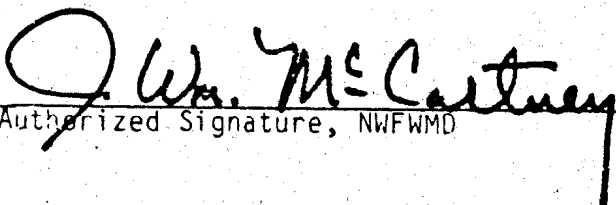
1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, F.A.C. and the acceptance by the assignee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of 130,000 gallons of water per day with a maximum total combined withdrawal rate not to exceed 230,000 gallons during a single day. Withdrawals are authorized as shown in the table below:

6. WITHDRAWAL POINT I.D. NUMBER & LOCATION	GALLONS PER DAY AVERAGE	GALLONS PER DAY MAXIMUM	MANAGEMENT LEVEL
H.W.W. #1, Sec 4, T2N, R25W		138,000	
H.W.W. #2, Sec 33, T3N, R25W		144,000	

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, from time to time upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit monthly or quarterly pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any adverse impact caused by withdrawals permitted herein on legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes an adverse impact on legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date may establish minimum and/or management water levels in the aquifer, aquifers, or surface waters hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels decline below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage, the District may alter, modify or inactivate all or parts of this Permit.
15. Any Special Permit Conditions enumerated in Attachment A and/or any other conditions enumerated in Attachment B are herein made a part of this permit.


Authorized Signature, NFWFMD

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>850236 Renewal/Modification</u>
<u>City of Laurel Hill</u>	Date Permit Granted: <u>January 28, 1999</u>
<u>Post Office Box 158</u>	Permit Expires On: <u>January 29, 2009</u>
<u>Laurel Hill, Florida 32567-0158</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>C</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05663</u>	Township <u> </u> Range <u> </u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **170,000** gallons of water per day, a maximum combined withdrawal of **308,000** gallons during a single day, and a combined monthly withdrawal of **6,200,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
LH #3 (AAA9303)	Sec. 32, T6N, R22W		308,000
LH #4 (AAA9302)	Sec. 33, T6N, R22W		308,000
LH #4	Sec. 12, T5N, R23W		308,000 Proposed

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT
City of Laurel Hill

Individual Water Use Permit No. 850236
Individual Water Use Application No. I05663

1. The Permittee, prior to its construction, shall submit a final well location plan for Well LH #5 to the District for review and approval. The site selected must ensure the use will be reasonable-beneficial, in the public interest, and will not interfere with existing legal users.
2. The Permittee, at the time of construction of Well LH #5, shall install an in-line totaling flow meter at the well head. The Permittee shall maintain, in working order, flow meters on all of the public supply wells.
3. The Permittee, at the time of construction, shall conduct a 24-hour pump test on Well LH #5. The Permittee, within 30 days of receipt of the pump test, shall submit the results, along with any water quality data collected, to the District.
4. The Permittee shall record the data required on the Water Use Summary Reporting Form, NFWWMD A2-I, and submit copies to the District by January 31 of each year. The next report is due by January 31, 1999. The Permittee shall also provide an estimate of the total volume of unaccounted for water.
5. The Permittee, by December 31, 1999, shall develop and implement a water use accounting system for its service area. The system shall provide for an accurate determination of the amounts of water withdrawn, the amounts of water metered to customers, and the amounts unaccounted for due to leaks, line breaks, inaccurate meters, unmetered users, line flushing, etc.
6. The Permittee, by December 31, 2000, shall develop and submit to the District a plan with the goal of reducing unaccounted for water losses to less than 10 percent. The implementation of the Plan shall be initiated no later than January 1, 2001.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>900033 Modification</u>
<u>Milligan Water System, Inc.</u>	Date Permit Granted: <u>August 28, 1997</u>
<u>Post Office Box H</u>	Permit Expires On: <u>August 29, 2007</u>
<u>Milligan, Florida 32537</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>C</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05466</u>	Township <u>3 North</u> Range <u>24 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **155,000** gallons of water per day, a maximum combined withdrawal of **380,000** gallons during a single day, and a combined monthly withdrawal of **6,557,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
MWS #1	Sec. 16C, T3N, R24W		288,000
MWS #2	Sec. 17D, T3N, R24W		288,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT
Milligan Water System

Individual Water Use Permit No. 900033
Individual Water Use Application No. I05466

1. The Permittee shall record the data required on the Water Use Summary Reporting Form, NFWFMD A2-I, and submit copies to the District by January 31 of each year. Any water use from the Baker Water System shall be reported separately using the referenced form. The next report is due by January 31, 1998.
2. The Permittee, by December 31, 1998, shall develop and implement a program with the goal of reducing unaccounted for water losses to less than 10 percent. A copy of the plan shall be submitted to the District by January 31, 1999 and a status report describing the effectiveness of the measures implemented provided by January 31, 2002.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NWFWMMD Form No. A2-E)

Permit granted to:	Permit No.: <u>840110 Renewal/Modification</u>
<u>City of Niceville</u>	Date Permit Granted: <u>April 22, 1999</u>
<u>208 North Partin Drive</u>	Permit Expires On: <u>April 23, 2004</u>
<u>Niceville, Florida 32578</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u> <u>Landscape Irrigation</u>
County: <u>Okaloosa</u> Area: <u>A</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05590</u>	Township <u>1 North/South</u> Range <u>22 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **3,030,000** gallons of water per day, a maximum combined withdrawal of **5,350,000** gallons during a single day, and a combined monthly withdrawal of **123,408,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
CON #1 (AAA5068)	Sec. 6, T1S, R22W		720,000
CON #2 (AAA5067)	Sec. 7, T1S, R22W		720,000
CON #3 (AAA5066)	Sec. 8, T1S, R22W		864,400
CON #4 (AAA5069)	Sec. 31, T1N, R22W		360,400
CON #5 (AAA5070)	Sec. 5, T1S, R22W		864,000
CON #6 (AAA5064)	Sec. 9, T1S, R22W		864,400
CON #8 (AAA5065)	Sec. 10, T1S, R22W		648,000
CON #10 (AAA5063)	Sec. 5, T1S, R22W		864,800
CON #11 (AAB0111)	Sec. 4, T1S, R22W		1,008,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the

resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT

City of Niceville

Individual Water Use Permit No. 840110
Individual Water Use Application No. I05590

1. The Permittee shall explore the feasibility of providing for its future water supply needs and a portion of its present demand from further inland supply sources, including those being considered for development by Okaloosa County. The Permittee shall provide bi-annual reports to the District of its investigation and on its discussions with Okaloosa County. The required reports shall be submitted by January 31 and July 31 of each year. The first report is due by July 31, 2000.
2. The Permittee shall immediately initiate the implementation of measures to effectuate reductions in use of the Floridan Aquifer for irrigation purposes within its service area. The Permittee shall:
 - a. actively pursue the acquisition of reclaimed water for the potential reuse sites identified in the City's *Water Resource Master Plan*, dated December, 1998. The Permittee, by July 31, 2000, shall provide a schedule for accomplishing the specific reuse projects of the Plan. The Permittee, for each site, shall also provide the number of acres to be converted to reclaimed water and the anticipated amount of reclaimed water to be used. The Permittee shall provide an explanation for any of the potential reuse sites for which reclaimed water is determined not to be available. Further, for any such site that is municipally owned, the Permittee shall provide a plan for acquiring an alternate non-Floridan Aquifer supply source. Any such plan developed shall provide for specific implementation dates.
 - b. provide a schedule for converting all municipal sites irrigated from the Floridan Aquifer and not scheduled to receive reclaimed water, to such alternate sources as the Sand-and-Gravel Aquifer or surface water. The Permittee, by July 31, 2000, shall provide a schedule for the specific sites to be converted to non-Floridan Aquifer sources. The Permittee, for each site, shall also provide the number of irrigated acres to be converted to an alternate supply source and the anticipated amount of water to be used.
 - c. not irrigate any additional municipal sites with water from the Floridan Aquifer.

The Permittee, by January 31 of each year, shall submit to the District a report detailing the progress the City has made in the implementation of this condition. The first progress report is due by January 31, 2000.

3. The Permittee, by December 31, 2000, shall have installed rain sensing devices on each of its automatic irrigation systems.

4. The Permittee, by December 31, 1999, shall initiate implementation of the following water conservation/efficiency measures, and shall achieve implementation of each by December 31, 2003.
 - a. Reduction of water losses and unaccounted for supplies to less than 10% of the water withdrawn from the Floridan Aquifer plus that transported into the service area.
 - b. Evaluation of the effects of the existing rate structure in maximizing water use efficiency and conservation. Council consideration of the adoption of a rate structure that would promote water efficiency and conservation, while providing a “life-line” initial rate.
 - c. Evaluation of the adoption of a tap fee structure that promotes the installation of private Sand-and-Gravel Aquifer irrigation wells, the use of Xeriscape landscaping techniques, and the installation of high-efficiency plumbing fixtures which exceed the present standards of the Southern Building Code.
 - d. Development of a proactive customer water conservation/efficiency education program. The program shall utilize a strategy designed to regularly reach year-round and part-time residents and tourists. The program shall also specifically inform existing customers of the automatic irrigation shut-off requirement of Chapter 373.62, Florida Statutes.
 - e. Adoption of a Xeriscape Ordinance that, at a minimum, meets the provisions of Chapter 373.185, Florida Statutes, and substantially incorporates the guidelines provided in “A Water-Efficient Landscaping Guide for Local Governments, 2nd Edition,” prepared by the state’s water management districts.
 - f. Utilization of Xeriscape landscaping techniques on the City’s municipal sites as they are modified.
 - g. Adoption of an ordinance to provide for enhanced irrigation efficiency, including alternate days and specific times for irrigation (e.g., odd/even days and 4 p.m. to 10 a.m.). This ordinance should not apply to irrigation systems utilizing reclaimed water for the first five years after adoption of the ordinance.

The Permittee shall submit to the District, by January 31 of each year an annual progress report for each of the items identified above. The first progress report is due by January 31, 2001.

5. The Permittee, as identified in the City’s Water Resource Master Plan, shall develop a strategy for phasing out existing lawn meters. The Permittee, by July 31, 2000, shall submit to the District a copy of the proposed initiative.
6. The Permittee shall evaluate the feasibility of a program which provides for the retrofitting of plumbing fixtures that do not meet the most recent water conservation and efficiency standards of the Southern Standards Plumbing Code. The Permittee shall determine the cost effectiveness of the identified retrofit program and submit its findings, and the basis for its conclusions, to the District by December 31, 2001. If determined feasible, the Permittee shall submit to the District an implementation plan by July 31, 2002. The required plan shall

provide for the retrofit of the plumbing fixtures of at least 25% of the system's connections during a five-year implementation period. The plan shall provide for a program initiation date of no later than December 31, 2002, and for a completion date of on or before December 31, 2007.

7. The Permittee, by December 31, 2001, shall investigate the feasibility of developing and implementing a pumping scheme for the City's existing wells that will reduce impacts on water levels, provide for water level recovery, and help assure the sustainability of the system's coastal supplies. The Permittee shall submit a copy of its determination to the District by July 31, 2002.
8. The Permittee, prior to any future request for increased withdrawals from the Floridan Aquifer above those authorized herein, shall develop a calibrated ground water model of the area. The model shall evaluate the impacts on the Floridan Aquifer associated with the City's withdrawal rates at the time of the request, and the withdrawals projected for the years 2005, 2010, 2015, and 2020. The required evaluation shall address the following areas for each of the identified years:
 - a. Impacts on the potentiometric surface of the Upper Floridan Aquifer;
 - b. Projected migration of the freshwater/saltwater interface within the Floridan Aquifer;
 - c. Changes in ground water velocities that result from increases between present, permitted, and proposed pumpage; and,
 - d. Potential impacts to permitted and domestic users.

In order to obtain a comprehensive overview of potential impacts, all analyses should incorporate other relevant entities at their permitted and reasonably anticipated withdrawal rates (ADR). The time frames used in the simulations should realistically reflect the proposed pumping schemes (e.g., ADRs for one year, three years, and five years; ADR to steady state; etc.). The analyses need to take such relevant variables as rates of withdrawal, transmissivity, storativity, length of withdrawal time, etc., into account, with a view to establishing a pumping schedule that will minimize impacts to the resource and other legal users.

9. The Permittee, by December 31, 2000, shall install on all municipally owned Floridan Aquifer irrigation systems either a flow meter or a timer. A flow-measuring device is not required for those irrigation systems whose use are to be abandoned by December 31, 2001.
10. The Permittee shall report, by January 31, April 30, July 31, and October 31 of each year, the following information for their production wells:
 - a. The data required on Water Use Summary Reporting Form NFWMD A2-I for the preceding three months for all withdrawals. Separate forms shall be used to account for public supply and irrigation uses. The flow meters on the public supply and irrigation

systems shall be maintained in working order. The Permittee, until such time as either a flow meter or timer is installed, may report irrigation amounts as estimates.

- b. Monthly itemized estimates of “unaccounted for water” within the service area (e.g., leaks, breaks, line flushing, etc.).
- c. Water quality results from tests conducted on each production well of the system during the first two weeks of the months of January, April, July, and October. The water quality analysis shall test for the following chemical concentrations: chloride, sodium, sulfate, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge approximately three to five well volumes from each well, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used.
- d. Static water level data for all wells during the first two weeks of each month. For each well, the Permittee shall:
 - (1) Not operate the well for as long as practicable (24 hours or more if possible) prior to measuring the water level. The amount of recovery time prior to measuring must be reported.
 - (2) Report the distance, in feet from the floor to the center of the pressure gauge.
 - (3) Report, in feet, the length of the airline used and the airline pressure gauge reading, including units (i.e. feet, psi, etc.) at the time of measurement.

The Permittee shall contact the District by January 31, 1999, to schedule a meeting to ensure the Permittee’s complete understanding of the water level measuring method described above. If at any time the water level data provided is determined to be inaccurate, the Permittee may be required to install continuous water level recording devices or take other appropriate measures to ensure the accurate reporting of water levels.

The first report for items 10(a) and 10(b) are due July 31, 1999 for the months of April, May, and June. The first collection of data pursuant to items 11(c) and 11(d) can begin with the month of January 31, 2000. The first report for all items is due by January 31, 2001.

- 11. The Permittee shall mitigate impacts attributable to the authorized withdrawal that interferes with users of water in the vicinity of the City’s wells. The Permittee shall report the occurrence of any such impacts to the District and shall identify the mitigation action undertaken to address the impacts.
- 12. The Permittee shall reference the City’s wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).



Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333

(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Suncom) 771-2080 • (Fax) 539-4380

April 28, 2000

Douglas E. Barr
Executive Director

Okaloosa County Water & Sewer
Bluewater System
1804 Lewis Turner Blvd., Suite 300
Fort Walton Beach, FL 32547

NOTICE OF AGENCY ACTION

Individual Water Use Permit No. 19850027

Consumptive Use Permit Application No. I 05782

Dear Permittee:

Your Individual Water Use Permit was approved by the Governing Board of the Northwest Florida Water Management District at a public hearing on April 27, 2000. The permit issued is subject to the terms and conditions set forth in the enclosed permit document. As you are legally responsible for compliance with the conditions of the permit please read the document thoroughly. Pay close attention to any condition(s) of the permit which require the one-time or periodic submittal of information to the District.

If the property where the withdrawal facility is located changes ownership, the permit must be transferred. A permit transfer request must be made on NFWMD Form A2-F and approved by the Executive Director. If the permit is not transferred you may remain responsible for compliance with the conditions of the permit.

If you have any questions concerning the permit document or if the District can be of any other service, please let us know.

Sincerely,

A handwritten signature in dark ink, appearing to read "W. G. Gowens".

W. G. Gowens, Chief
Bureau of Ground Water Regulation
Division of Resource Regulation

WGG/tp
Enclosure

cc: Polyengineering of Florida, Inc.

CHARLES W. ROBERTS
Chair - Tallahassee

JOYCE ESTES
Vice Chair - Eastpoint

JUDY BYRNE RILEY
Secretary/Treasurer
Fort Walton Beach

WAYNE BODIE
DeFuniak Springs

SHARON T. GASKIN
Wewahitchka

L. E. MCMULLIAN, JR.
Sneads

JOHN R. MIDDLEMAS, JR.
Panama City

J. RUSSELL PRICE
Tallahassee

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT**

(NFWFMD Form No. A2-E)

Permit granted to:

Okaloosa County Water and
Sewer System
Bluewater System
1804 Lewis Turner Blvd., Suite 300
Fort Walton Beach, Florida 32547
(Legal Name and Address)

Permit No.: 1985-0027 Renewal

Date Permit Granted: April 27, 2000

Permit Expires On: April 28, 2005

Source Classification: Floridan Aquifer

Use Classification: Public Supply

County: Okaloosa Area: A

Location: Section 1/4 Section

Application No.: I05782

Township 1 South Range 22 West

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

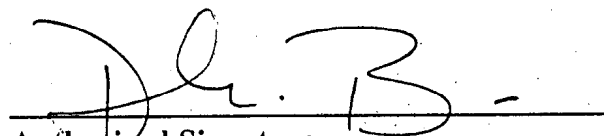
5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **1,200,000** gallons of water per day, a maximum combined withdrawal of **2,000,000** gallons during a single day, and a combined monthly withdrawal of **48,000,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.

6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
BW #2 (AAA5173)	Sec. 26, T1S, R22W		576,000
BW #3 (AAA5175)	Sec. 15, T1S, R22W		1,152,000
BW #4 (AAA5174)	Sec. 23, T1S, R22W		1,152,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.


Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
Okaloosa County Water and Sewer System
Bluewater System

Individual Water Use Permit No. 1985-0027
Individual Water Use Application No. I05782

1. The Permittee shall explore the feasibility of providing for its future water supply needs and a portion of its present demand from inland supply sources. The Permittee, by July 31 of each year, shall provide annual reports to the District describing the results of these efforts. The first report is due by July 31, 2001.
2. The Permittee shall continue to implement water conservation and efficiency measures to achieve further per capita water reductions. The Permittee shall expand its water conservation and efficiency public information effort, water reuse effort and efforts to discontinue irrigation use of the Floridan Aquifer. The Permittee, by July 31 of each year, shall provide annual reports to the District detailing the results of these efforts. The first report is due by July 31, 2001.
3. The Permittee, by December 31, 2001, shall investigate the feasibility of developing and implementing a pumping scheme for the County's existing wells that will reduce impacts on water levels, provide for water level recovery, and help assure the sustainability of the system's coastal supplies. The Permittee shall submit a copy of its determination to the District by July 31, 2002.
4. The Permittee shall report, by January 31, April 30, July 31, and October 31 of each year, the following information for their production wells:
 - a. The data required on Water Use Summary Reporting Form NFWFMD A2-I for the preceding three months for all withdrawals.
 - b. Monthly itemized estimates of "unaccounted for water" within the service area (e.g., leaks, breaks, line flushing, etc.).
 - c. Water quality results from tests conducted on wells BW #2 and BW #4 during the last two weeks of the months of December, March, June, and September. All water quality analysis shall be conducted by a laboratory with a FDEP approved Comprehensive Quality Assurance Plan (CompQAP). The water quality analysis shall test for the following chemical concentrations: chloride, sodium, sulfates, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge approximately three to five well volumes from each well, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used.
 - d. Static water level data for all wells during the last two weeks of the months of December, March, June, and September. For each well, the Permittee shall:

- (1) Not operate the well for as long as practicable (24 hours or more if possible) prior to measuring the water level. The amount of recovery time prior to measuring must be reported.
- (2) Report the distance, in feet from the floor to the center of the pressure gauge.
- (3) Report, in feet, the length of the airline used and the airline pressure gauge reading, including units (i.e. feet, psi, etc.) at the time of measurement.

The Permittee shall contact the District by January 31, 2001, to schedule a meeting to ensure the Permittee's complete understanding of the water level measuring method described above. If at any time the water level data provided is determined to be inaccurate, the Permittee may be required to install continuous water level recording devices or take other appropriate measures to ensure the accurate reporting of water levels.

The first report is due July 31, 2000 for the months of April, May, and June. The first collection of data pursuant to items 4(c) and 4(d) can begin with the month of January 31, 2001.

5. The Permittee shall mitigate, to the satisfaction of the District, any adverse impacts caused by withdrawals permitted herein on the water resources of the area or domestic or other legal water withdrawals and uses. Further, the Permittee shall take any action required with regard to its water use to comply with any future minimum or management levels established by the District. If adverse impacts occur or are imminent, the District reserves the right to curtail withdrawal rates. Adverse impacts include, but are not limited to:
 - a. Saline water intrusion or induction of pollutants into a water supply of an adjacent water use, resulting in a significant reduction in water quality; or
 - b. Change in water quality and/or water level that causes impairment or loss of the use of a well or water body.
6. The Permittee shall reference the County's wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).
7. The Permittee shall continue to explore the feasibility of interconnecting its water supply system with other public water supply systems in the area. If feasible, the Permittee shall undertake the necessary interconnections to optimize the area's water distribution and production systems. The Permittee, by December 31, 2003, shall report to the District of its efforts.
8. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Statutes.



Douglas E. Barr
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333

(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Suncom) 771-2080 • (Fax) 539-4380

June 28, 2000

Okaloosa County Water & Sewer System
County West System
1804 Lewis Turner Blvd., Ste. 300
Ft. Walton Beach, FL 32579

NOTICE OF AGENCY ACTION

Individual Water Use Permit No. 19830075

Consumptive Use Permit Application No. I 05827

Dear Permittee:

Your Individual Water Use Permit was approved by the Governing Board of the Northwest Florida Water Management District at a public hearing on June 22, 2000. The permit issued is subject to the terms and conditions set forth in the enclosed permit document. As you are legally responsible for compliance with the conditions of the permit please read the document thoroughly. Pay close attention to any condition(s) of the permit which require the one-time or periodic submittal of information to the District.

If the property where the withdrawal facility is located changes ownership, the permit must be transferred. A permit transfer request must be made on NFWFMD Form A2-F and approved by the Executive Director. If the permit is not transferred you may remain responsible for compliance with the conditions of the permit.

If you have any questions concerning the permit document or if the District can be of any other service, please let us know.

Sincerely,

W. G. Gowens, Chief
Bureau of Ground Water Regulation
Division of Resource Regulation

WGG/tp
Enclosure

cc: Polyengineering of Florida

CHARLES W. ROBERTS
Chair
Tallahassee

JOYCE ESTES
Vice Chair
Eastpoint

JUDY BYRNE RILEY
Secretary/Treasurer
Fort Walton Beach

WAYNE BODIE
DeFuniak Springs

SHARON T. GASKIN
Wewahitchka

L. E. MCMULLIAN, JR.
Sneads

JOHN R. MIDDLEMAS, JR.
Panama City

J. RUSSELL PRICE
Tallahassee

NANCYANN M. STUPARICH
Pensacola

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT**

(NWFWM Form No. A2-E)

Permit granted to:

Permit No.: 1983-0075 Renewal/Modification

Okaloosa County Water
& Sewer System

Date Permit Granted: June 22, 2000

County West System

Permit Expires On: June 23, 2005

1804 Lewis Turner Blvd., Suite 300
Fort Walton Beach, Florida 32579

Source Classification: Floridan Aquifer

(Legal Name and Address)

Use Classification: Public Supply

County: Okaloosa Area: A

Location: Section _____ 1/4 Section _____

Application No.: I05827

Township 2 South Range 25 West

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

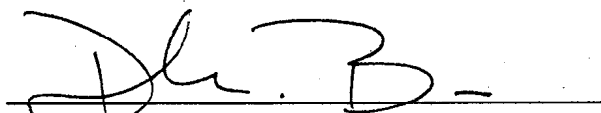
5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **810,000** gallons of water per day, a maximum combined withdrawal of **1,400,000** gallons during a single day, and a combined monthly withdrawal of **34,000,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.

6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
CW #2 (AAA5193)	Sec. 18, T2S, R25W		576,000
CW #3 (AAA5192)	Sec. 16, T2S, R25W		720,000
CW #4 (AAA8755)	Sec. 14, T2S, R25W		1,080,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.



Authorized Signature

Northwest Florida Water Management District

ATTACHMENT A
Okaloosa County Water & Sewer System
County West System

Individual Water Use Permit No. 1983-0075
Individual Water Use Application No. I05827

1. The Permittee shall continue to pursue the acquisition of alternative water supplies to meet its future and a portion of its present water supply needs. The Permittee, by July 31 of each year, shall provide annual reports to the District detailing the results of its efforts. The first report is due by July 31, 2001.
2. The Permittee, prior to permit renewal or modification, shall re-evaluate the feasibility of providing reclaimed water for non-potable purposes within the County West service area. A copy of the feasibility report shall be provided to the District at the time of permit application.
3. The Permittee shall continue to expand its water conservation and efficiency public information efforts and efforts to discontinue irrigation use of the Floridan Aquifer. The Permittee, by July 31 of each year, shall provide annual reports to the District detailing the results of these efforts. The first report is due by July 31, 2001.
4. The Permittee shall submit along with its water use permit renewal application for the Garners Water System (Individual Water Use Permit 19840092) a pumping scheme for the County West System wells that minimize to the extent feasible impacts on water levels, provides for water level recovery, and help assure the sustainability of the system's coastal supplies.
5. The Permittee shall report, by January 31, April 30, July 31, and October 31 of each year, the following information for their production wells:
 - a. The data required on Water Use Summary Reporting Form NFWMD A2-I for the preceding three months for all withdrawals.
 - b. Monthly itemized estimates of "unaccounted for water" within the service area (e.g., leaks, breaks, line flushing, etc.).
 - c. Water quality results from tests conducted on wells CW #2 and CW #4 during the last two weeks of the months of December, March, June, and September. All water quality analysis shall be conducted by a laboratory with a FDEP approved Comprehensive Quality Assurance Plan (CompQAP). The water quality analysis shall test for the following chemical concentrations: chloride, sodium, sulfates, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge approximately three to five well volumes from each well, and shall

report with each set of test results, the duration of purging, purge volume, and purge rates used.

d. Static water level data for all wells during the last two weeks of the months of December, March, June, and September. For each well, the Permittee shall:

- (1) Not operate the well for as long as practicable (24 hours or more if possible) prior to measuring the water level. The amount of recovery time prior to measuring must be reported.
- (2) Report the distance, in feet from the floor to the center of the pressure gauge.
- (3) Report, in feet, the length of the airline used and the airline pressure gauge reading, including units (i.e. feet, psi, etc.) at the time of measurement.

The Permittee shall contact the District by January 31, 2001, to schedule a meeting to ensure the Permittee's complete understanding of the water level measuring method described above. If at any time the water level data provided is determined to be inaccurate, the Permittee may be required to install continuous water level recording devices or take other appropriate measures to ensure the accurate reporting of water levels.

The first report is due July 31, 2000 for the months of April, May, and June. The first collection of data pursuant to items 4(c) and 4(d) can begin with the month of January 31, 2001.

6. The Permittee, by January 31, 2003, shall submit a summary of the County's progress in reducing unaccounted for water losses. The report shall identify the measures implemented to reduce losses, the effectiveness of the measures, and the measures planned for future implementation. The County's water loss reduction program should have a goal of less than 10 percent unaccounted for water losses.
7. The Permittee shall continue to explore the feasibility of interconnecting its water supply system with other public water supply systems in the area. If feasible, the Permittee shall undertake the necessary interconnections to optimize the area's water distribution and production systems. The Permittee, by December 31, 2003, shall report to the District of its efforts.
8. The Permittee shall mitigate, to the satisfaction of the District, any adverse impacts caused by withdrawals permitted herein on the water resources of the area or domestic or other legal water withdrawals and uses. Further, the Permittee shall take any action required with regard to its water use to comply with any future minimum or management levels established by the District. If adverse impacts occur or are imminent, the District reserves the right to curtail withdrawal rates. Adverse impacts include, but are not limited to:
 - a. Saline water intrusion or induction of pollutants into a water supply of an adjacent water use, resulting in a significant reduction in water quality; or

- b. Change in water quality and/or water level that causes impairment or loss of the use of a well or water body.
9. The Permittee shall reference the County's wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).
 10. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Statutes.

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT**

(NFWMD Form No. A2-E)

Permit granted to:

Permit No.: 19840092 Renewal

Okaloosa County Water
and Sewer System
Garniers Water System
1804 Lewis Turner Blvd., Suite 300
Fort Walton Beach, Florida 32547
(Legal Name and Address)

Date Permit Granted: April 26, 2001

Permit Expires On: April 27, 2006

Source Classification: Floridan Aquifer

Use Classification: Public Supply

County: Okaloosa Area: A

Location: Section 1/4 Section

Application No.: I05910

Township 1 & 2 South Range 23 & 24 West

Terms and standard conditions of this Permit are as follows:

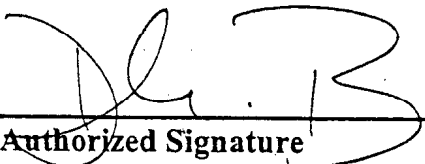
1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **5,750,000** gallons of water per day, a maximum combined withdrawal of **8,630,000** gallons during a single day, and a combined monthly withdrawal of **207,000,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
OCWSS #1 - AAA5184	Sec. 1, T2S, R4W		1,008,000
OCWSS #2 - AAA5179	Sec. 30, T1S, R23W		1,152,000
OCWSS #3 - AAA5185	Sec. 2, T2S, R24W		648,000
OCWSS #4 - AAA5186	Sec. 2, T2S, R24W		1,440,000
OCWSS #5 - AAA5181	Sec. 5, T2S, R23W		1,036,800
OCWSS #6 - AAA5188	Sec. 3, T2S, R24W		1,440,000
OCWSS #7 - AAA5180	Sec. 6, T2S, R23W		1,252,800
OCWSS #8 - AAA5187	Sec. 34, T1S, R24W		1,512,000
OCWSS #9 - AAA5190	Sec. 9, T2S, R24W		705,600
OCWSS #10 - AAA5189	Sec. 4, T2S, R24W		1,296,000
OCWSS #11 - AAA8754	Sec. 36, T1S, R24W		1,080,000
I-3 - AAA5182	Sec. 19, T2S, R23W	Emergency and Maintenance Use Only	518,400

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.

11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.



Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
Okaloosa County Water and Sewer System
Garniers Service Area

Individual Water Use Permit No. 19840092
Individual Water Use Application No. I05910

1. The Permittee, as provided for by Individual Water Use Permit 19840112, shall expedite the development of the necessary infrastructure to reduce coastal withdrawals by 650,000 gallons per day below 1997 demands. The required reduction in coastal withdrawals shall be accomplished by the year 2010. The Permittee is authorized by Individual Water Use Permit 19840112 to supply the coastal service areas up 2.18 Mgal/d from the inland supplies.
 - a. The Permittee, by December 31, 2002, shall submit to the District a "*Resource Recovery Plan*" providing steps and goals for the phased implementation of the stipulated coastal withdrawal reduction. The coastal withdrawal reduction shall be achieved in phases such that specific goals are attained by December 31 of the years 2004, 2006, 2008 and 2010.
 - b. The "Resource Recovery Plan" shall detail how much water is projected to be delivered to each of the coastal services areas each year for the next 20 years and how much of a reduction in coastal withdrawals will be achieved in each service area each year.
 - c. The "Resource Recovery Plan" shall be updated and submitted as part of the modification or renewal of Individual Water Use Permits No. 19840092 and 19840112.
2. The Permittee shall continue participation in the Water Supply Working Group to coordinate for the future water needs of southern Okaloosa County. The Permittee shall pursue a cooperative initiative to bring additional water supplies to the southern Okaloosa County municipal users.
3. The Permittee, by January 31, 2003, shall achieve full implementation of the following water conservation/efficiency measures.
 - a. Development of a comprehensive water accounting system.
 - b. A program that provides for the reduction of unaccounted for water losses to less than ten percent of the amount of water withdrawn from the aquifer.
 - c. Enhance the present customer water conservation/efficiency education program. The program shall consist of newspaper notices and articles, periodic radio and television announcements, periodic mail-outs to customers, the posting of signs in the rooms of hotels, motels and rental property, outreach programs (e.g., schools, colleges, public meetings) and informing customers of the provisions of Chapter 373.62, Florida Statutes (automatic irrigation system shutoff requirement).

- d. Evaluation of revising the Section 3.04 (Water Efficient Landscaping) of County Ordinance 91-1, to also apply to residences within the Water Resource Caution Area of Okaloosa County.
- e. Adoption of an ordinance to provide for enhanced irrigation efficiency, including alternate days and specific irrigation times (e.g., odd/even days and 4 p.m. to 10 a.m.).
- f. Increased utilization of reclaimed water supplies in the Garniers/Okaloosa Island, County West, and Bluewater service areas to replace irrigation and other non-potable uses of the Floridan aquifer. The Permittee, when allocating reuse supplies in these areas, shall give greater consideration to customers that presently utilize the Floridan aquifer for non-potable uses.
- g. Development of a plumbing fixtures retrofit program designed to enhance water use efficiency. The program, at a minimum, shall provide toilet tank displacement and faucet and showerhead aerators/flow-restrictors to all of its customers. The customers' kits shall provide sufficient units to retrofit all faucets and showerheads within a household or business establishment. The Permittee shall provide special assistance to hotels, motels and condominiums.

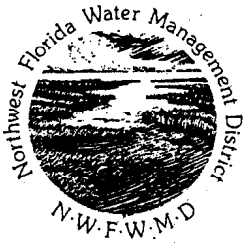
The retrofit program shall be designed to reach a significant percentage of the system's connections during the first five years of the implementation period. The plan shall provide for a program initiation date of no later than December 31, 2003 and a completion date by December 31, 2011. A status report shall be submitted to the District by December 31 of each year.

The Permittee, at the time of permit renewal, shall submit to the District an update on the progress of implementing each of the items identified above.

- 4. The Permittee shall not provide water from its public water supply system to customers to fill or augment the level of water bodies used for aesthetic or other non-potable purposes (this condition does not apply to the filling of swimming pools).
- 5. The Permittee shall report, by January 31, April 30, July 31, and October 31 of each year, the following information for their production wells:
 - a. The data required on Water Use Summary Reporting Form NFWFMD A2-I for the preceding three months for all coastal wells and water received from the Northern Wellfield. The water shall be accounted for separately and as an aggregate. Flow meters shall be maintained in working order on all production wells.
 - b. Monthly itemized estimates of "unaccounted for water" within the service area (e.g., leaks, breaks, line flushing, etc.) and the actions taken to reduce the system water losses.

- c. An update as to the status of the proposed transmission line from the Mid-County area to southern Okaloosa County.
 - d. Water quality results from tests conducted during March and September each year on water from wells AAA5184 (OCWSS #1-Office), AAA5185 (OCWSS #3-Newcastle), AAA5180 (OCWSS #7-Annex), AAA5190 (OCWSS #9-Northgate) and AAA5182 (OCWSS #I-3-Island). The water quality analysis shall test for chloride, sodium and total dissolved solids concentrations. Prior to sampling, the Permittee shall purge a minimum of three five well volumes from the well, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used.
 - e. Static water level data from all production wells (including Island Well AAA5182) collected during the first two weeks of each month. For each well, the Permittee shall:
 - (1) Not operate the well for as long as practicable (24 hours or more if possible) prior to measuring the water level. The amount of recovery time prior to measuring must be reported.
 - (2) Report the distance, in feet from the floor to the center of the pressure gauge.
 - (3) Report, in feet, the length of the airline used and the airline pressure gauge reading, including units (i.e. feet, psi, etc.) at the time of measurement.
 - f. Update of the Water Supply Working Group efforts to coordinate the development of alternate supplies to meet the future water needs of southern Okaloosa County.
6. The Permittee, at the time of modification or renewal, shall submit the following information:
- a. Summary and analysis of the water level and water quality data collected for the wells specified by Permit Condition No. 5.
 - b. A progress report on the implementation of water conservation and efficiency measures within the Mid-County, Garniers/Okaloosa Island, County West and Bluewater water systems. The Permittee shall provide a detailed status report on each conservation and efficiency measure being implemented in each of the service areas; the report shall identify implementation goals, measures implementation date, achievement highlights and other information that describes the success and future goals of the program.
 - c. The Permittee shall also determine the total amount of water being billed to each type of customer within each of its service areas, and divide each total by the number of meters of each customer type. These analyses will be used to identify trends in total water use, and water conservation/efficiency within each of the service areas. The Permittee may submit additional analytical information in support of their water conservation and efficiency initiatives.

7. The Permittee, prior to requesting any increase in withdrawals from the Floridan aquifer above those recommended herein, shall:
 - a. Demonstrate that supplies from its northern wellfield and the Sand-and-Gravel aquifer are not sufficient to meet its projected water use demand needs.
 - b. Demonstrate that desalination is not a viable option to meet its water use demand needs.
 - c. Utilize a calibrated ground water model to evaluate the impacts on the Floridan aquifer. The analysis, at a minimum, shall assess the potential impacts associated with the utility's withdrawal rates at the time of the request, and the withdrawals projected for 20 years, at five-year intervals. The required Resource Impact Analysis Evaluation shall address impacts on the potentiometric surface of the Upper Floridan aquifer; projected migration of the freshwater/saltwater interface within the Floridan aquifer; changes in ground water velocities that result from increases between present, permitted, and proposed pumpage; and, impacts to permitted and domestic users.
8. The Permittee shall continue to limit water withdrawals from Island Well AAA5182 (No. I-3) to emergency and maintenance use only.
9. The Permittee shall mitigate any impacts attributable to the authorized withdrawals that interfere with users of water in the vicinity of the City's wells. The Permittee shall report the occurrence of any such impacts to the District and shall identify the mitigation action undertaken to address the impacts.



Northwest Florida Water Management District

Route 1, Box 3100, Havana, Florida 32333-9700

(On U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Suncom) 771-2080 • (Fax) 539-4380

April 3, 1998

Douglas E. Barr
Executive Director

Okaloosa County Water & Sewer
Mid-County Water System
1804 Lewis Turner Blvd., Suite 300
Ft. Walton Beach, FL 32547

NOTICE OF AGENCY ACTION

Individual Water Use Permit No. 840112

Consumptive Use Permit Application No. I 05435

Dear Permittee:

Your Individual Water Use Permit was approved by the Governing Board of the Northwest Florida Water Management District at a public hearing on March 26, 1998. The permit issued is subject to the terms and conditions set forth in the enclosed permit document. As you are legally responsible for compliance with the conditions of the permit please read the document thoroughly. Pay close attention to any condition(s) of the permit which require the one-time or periodic submittal of information to the District.

If the property where the withdrawal facility is located changes ownership, the permit must be transferred. A permit transfer request must be made on NWFWM-D Form A2-F and approved by the Executive Director. If the permit is not transferred you may remain responsible for compliance with the conditions of the permit.

If you have any questions concerning the permit document or if the District can be of any other service, please let us know.

Sincerely,

A handwritten signature in dark ink, appearing to read "W. G. Gowens", is written over a horizontal line.

W. G. Gowens, Chief
Bureau of Ground Water Regulation
Division of Resource Regulation

WGG/tp
Enclosure

cc: Polyengineering of Florida, Inc.

CHARLES W. ROBERTS
Chairman - Tallahassee

GEORGE WILLSON
Vice Chairman - Tallahassee

M. COPELAND GRISWOLD
Secretary/Treasurer - Chumuckla

JOHN O. DE LORGE
Cantonment

BENNETT EUBANKS
Blountstown

E. HENTZ FLETCHER, JR.
Quincy

ROBERT L. HOWELL
Apalachicola

JOHN R. MIDDLEMAS, JR.
Panama City

JUDY BYRNE RILEY
Fort Walton Beach

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT**

(NFWFMD Form No. A2-E)

Permit granted to:

Permit No.: 840112 Modification and Renewal

Okaloosa County Water
and Sewer System

Date Permit Granted: March 26, 1998

Mid-County Water System

Permit Expires On: March 27, 2018

1804 Lewis Turner Blvd., Suite 300

Fort Walton Beach, Florida 32547

(Legal Name and Address)

Source Classification: Floridan Aquifer

Use Classification: Public Supply

County: Okaloosa Area: C

Location: Section 1/4 Section

Application No.: I05435

Township 2, 3 North Range 22-25 West

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **3,610,000** gallons of water per day, a maximum combined withdrawal of **6,300,000** gallons during a single day, and a combined monthly withdrawal of **150,700,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.

6. Individual Withdrawal Facility Authorization

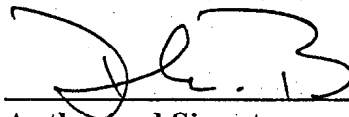
WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
OCWSS/MC #1 (AAA5171)	Sec. 23, T3N, R24W		1,094,400
OCWSS/MC #2 (AAA5172)	Sec. 33, T3N, R23W		1,080,000
OCWSS/MC #3 (AAA5169)	Sec. 2, T3N, R23W		936,000
OCWSS/MC #4 (AAA5170)	Sec. 21, T3N, R23W		72,000
OCWSS/MC #5	Sec. 12, T3N, R24W		1,080,000 Proposed
OCWSS/MC #6	Sec. 27, T3N, R23W		720,000 Proposed
OCWSS/MC #7	Sec. 21, T3N, R23W		720,000 Proposed
OCWSS/MC #8	Sec. 19, T3N, R22W		720,000 Proposed
OCWSS/MC #9	Sec. 35, T3N, R25W		720,000 Proposed
OCWSS/MC #10	Sec. 5, T2N, R24W		720,000 Proposed

Kennedy Lakes
MC#5
AAA4768

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal points(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use,

which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.



Authorized Signature

Northwest Florida Water Management District

ATTACHMENT
Okaloosa County Water and Sewer System
Mid-County Water System

Individual Water Use Permit No. 840112
Individual Water Use Application No. I05435

1. The Permittee shall submit, every five years, a compliance report to the District as provided by Chapter 373.236, F.S. The first compliance report shall be submitted no later than July 31, 2003; future reports shall be submitted no later than July 31, 2008 and July 31, 2013. The compliance reports shall provide detailed information on the following items:

- The operational status of the each of the approved wells.
- The status of the Eglin pipeline.
- Summary of annual pumping reports (ADR, MDR and MMR) for each of the Mid-County wells.
- Summary of annual pumping reports (ADR, MDR and MMR) for the Mid County's service area for each of the previous five years. The same information shall also be summarized separately for the amount of water provided to the Garniers/Okaloosa Island and County West water system and to the City of Crestview.
- Certification that the authorized withdrawal amounts have not been exceeded.
- Summary of the water level and water quality data collected for the wells specified by Permit Condition No. 14.
- An updated Mid-County's service area map and a description of any changes since the 1998 Consumptive Use Permit Application. The additional amount of water, delivered to the Garniers/Okaloosa Island/County West water systems as a result any reduction in size of the Mid-County service area.
- A progress report on the implementation of water conservation and efficiency measures within the Mid-County, Garniers/Okaloosa Island, County West and Bluewater water systems. The Permittee shall provide a detailed status report on each conservation and efficiency measure being implemented in each of the service areas; the report shall identify implementation goals, measures implementation date, achievement highlights and other information that describes the success and future goals of the program.
- The Permittee shall also determine the total amount of water being billed to each type of customer within each of its service areas, and divide each total by the number of meters of each customer type. These analyses will be used to identify trends in total water use, and water conservation/efficiency within each of the service areas. The Permittee may submit additional analytical information in support of their water conservation and efficiency initiatives.
- Summary of per capita demands within each service area for each of the five previous years. The Permittee shall also measure water efficiency/conservation progress by aggregating the total amount of water being withdrawn from each well within a service

area and the total amount of water being transported into the service area, and dividing this number by the population served within the service area. Per capita demands can be calculated by dividing the total water use by the population served. If per capita demands are skewed by the demands of significant water uses, the Permittee can deduct these uses provided that they are accounted for separately. Significant water users can be considered to be an individual non-residential customer using 25,000 gallons per day or greater on an annual average basis. The method of estimating the population served shall be provided by the summary.

2. The Permittee, by January 31, 1999, shall develop and implement a water use accounting system for all of its service areas. The system shall provide for an accurate determination of the amounts of water withdrawn, the amounts of water billed to customers, and the amounts unaccounted for due to leaks, line breaks, inaccurate meters, unmetered users, line flushing, etc.
3. The Permittee, by January 31, 1999, shall initiate the implementation, in all of its service areas, the following water conservation/efficiency measures and shall achieve full implementation of each by January 31, 2003.
 - a. A comprehensive conservation program that provides for the achievement and sustainability of unaccounted for treatment losses within each of its service areas of ten percent or less.
 - b. Adopt a rate structure which promotes water efficiency and conservation, while providing a "life-line" initial rate.
 - c. Evaluation of the adoption of a tap fee structure that promotes the installation of private Sand-and-Gravel Aquifer irrigation wells, the use of Xeriscape landscaping techniques, and the installation of high-efficiency plumbing fixtures which exceed the present standards of the Southern Building Code. The fees shall be weighted sufficiently to encourage the installation of high-efficiency plumbing fixtures and the use of Xeriscape landscaping techniques in all new construction, while also discouraging customary landscape and irrigation practices.
 - d. Development of a proactive customer water conservation/efficiency education program. The program shall also specifically inform customers of the automatic irrigation shut-off requirement of Chapter 373.62, Florida Statutes.
 - e. Adoption of a Xeriscape Ordinance for the Mid-County area which meets the provisions of Chapter 373.185, Florida Statutes, and substantially incorporates the guidelines provided in *A Water-Efficient Landscaping Guide for Local Governments, 2nd Edition*, prepared by several of the state's water management districts
 - f. Adoption of an ordinance to provide for enhanced irrigation efficiency, including alternate days and specific irrigation times (e.g., odd/even days and 4 p.m. to 10 a.m.).

- g. Elimination of any existing yard meters or for the revision of the present fee structure to further discourage their use.

The Permittee, by January 31 of each year, shall submit to the District an update on the progress of implementing each of the items identified above. The first progress report is due by January 31, 2000.

4. The Permittee, to the extent possible, shall expedite the development of the necessary infrastructure to provide the total proposed coastal water withdrawal reduction of 650,000 gallons of water per day by the year 2010.
5. The Permittee, if the Mid-County service area is reduced from that identified in the 1998 application, shall obtain written authorization from the District's staff to provide additional water to its coastal service areas or to other coastal water systems.
6. The Permittee, by January 31, 2002, shall submit to the District a water resource management strategy with the goal of achieving the long-term sustainability of the Floridan Aquifer within its service areas. The required management strategy shall address the following:
 - a. Development of a time frame for the implementation of additional alternate water supplies.
 - b. A pumping scheme for the wells located in the Garniers/Okaloosa Island, County West, and Bluewater service areas that will provide the greatest reduction in impacts on water levels, provide for the greatest water level recovery in the coastal area, and help best assure the sustainability of the resource.
 - c. Increased utilization of reclaimed water supplies in the Garniers/Okaloosa Island, County West, and Bluewater service areas to replace irrigation and other non-potable uses of the Floridan Aquifer. The Permittee, when allocating reuse supplies in these areas, shall give greater consideration to customers which presently utilize the Floridan Aquifer for non-potable uses.
7. The Permittee shall continue participation in the Water Supply Working Group to coordinate for the future water needs of southern Okaloosa County. The Permit shall provide for a cooperative initiative to bring additional water supplies to the southern Okaloosa County municipal users.
8. The Permittee shall discuss with Eglin Air Force Base officials the development of the Sand-and-Gravel Aquifer along the corridor of the proposed pipeline or in any other areas acceptable to Eglin.
9. The Permittee, by January 31, 2007, shall identify proposed well site locations along the Eglin pipeline corridor. The sites shall be selected in areas that will result in limited impacts

to the resource and will not interfere with existing legal uses. Upon completion of the site selection, the Permittee shall request approval from Eglin. Upon receipt of Eglin's approval, the Permittee shall submit to the District a permit modification to provide for future water transport to its coastal service areas. The modification shall be designed to provide for the future water needs of southern Okaloosa County, as well as to provide for further reductions in withdrawal from coastal Floridan Aquifer wells. If Eglin would prefer for the County to receive the District's approval prior to its approval, the sequence of events can be altered by the Permittee.

10. The Permittee, by January 31, 2007, or prior to any increase request in the 1997 water use levels, shall evaluate the feasibility of developing the Sand-and-Gravel Aquifer in the Garniers service area as an additional supply source. The Permittee, three months prior to initiating its evaluation, shall submit a copy of its planned action to the District for review. If determined feasible for use, the Permittee shall implement the use of the Sand-and-Gravel Aquifer in the Garniers service area.
11. The Permittee shall submit to the District for technical evaluation and approval, the design specifications and site locations for each of the proposed wells prior to commencement of well construction.
12. The Permittee, at the time of construction of the first proposed public supply production well (Kennedy Lakes Well), shall conduct a multi-well aquifer test at that site. The aquifer testing program shall be performance based with its goal being to more accurately determine the hydraulic characteristics of the wellfield. The following data collection and analyses are required:
 - a. Perform an aquifer test consisting of one Floridan Aquifer test well and at least three Floridan Aquifer observation wells. The aquifer test program should be designed to determine the hydraulic properties of that portion of the hydrostratigraphic sequence proposed for use as the production zone. Radial distances to observation wells from the test well should be based on analytical modeling and submitted to the District for review and approval. A copy of the aquifer test plan shall be provided to the District for review.
 - b. An observation well shall be constructed into the surficial aquifer, at a distance not to exceed 50 feet from the test well.
 - c. The test well should be pumped as close to the proposed production well capacity as possible. The aquifer test should last for at least 72 hours. Detailed documentation (i.e., log-log data curves, type curves) of the aquifer test evaluation should be maintained and submitted to the District.
 - d. When designing the test well production rate and observation well spacing, consideration should be given to the impact of adjacent pumping on water levels at the site. The recovery data at the end of the test shall be collected for a minimum of 24 hours.

- e. Obtain geologic log, caliper log, electrical resistivity (16-64) logs (in the open hole), gamma log, and cuttings (every ten feet) from the test production well.
- f. Data collected as part of the aquifer test shall be submitted to the District within 60 days of completion of the test.

In the event that the Kennedy Lakes well is not the first well to be constructed, the Permittee shall consult with the District on the selection on an alternate site for the aquifer test.

- 13. The Permittee, with the exception of the first production well constructed, shall conduct a specific capacity test on each proposed well at the time of construction. The test shall be of at least a 24 hour duration. The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The results of the tests shall be forwarded to the District within 60 days of completion of the well, along with any driller's logs, geophysical logs, and water quality analysis conducted as part of the well construction process.
- 14. The Permittee, by January 31, 2000, shall construct two Floridan Aquifer monitor wells (minimum diameter four-inches). These wells shall be spaced to maximize the distance from all public supply production wells in order to provide data that best reflect regional impacts. The proposed well sites shall be submitted to the District for review and approval. These wells shall be equipped with locking steel protective casing to prevent vandalism of the wellhead.
 - a. The Permittee, at the time of construction of the monitoring wells, shall survey the measuring point and the surface elevation at each monitoring well and at production wells AAA5171 (MC #1) and AAA5169 (MC #3), relative to the National Geodetic Vertical Datum (NGVD). These data shall be provided, along with a photograph of the wellhead, within 60 days of well construction.
 - b. The Permittee, using a District-approved device, shall have water level measurements taken during the first two weeks of each month from the two monitoring and production wells AAA5171 and AAA5169. The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The data shall be submitted quarterly with the water system's pumping reports as specified in Specific Condition No. 15.
 - c. The Permittee shall have water quality analysis tests conducted on water from the MC #1 Antioch Road well (AAA5171) well during the first two weeks of the month of July. The water quality analysis shall test for the following chemical parameters: chloride, sodium, sulfate, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge a minimum of three five well volumes from the well, and shall report with each set of test results, the duration of

purging, purge volume, and purge rates used. The data shall be submitted with the water system's pumping reports as specified in Specific Condition No. 15

15. The Permittee shall report, by January 31, April 30, July 31, and October 31 of each year, the following information:
 - a. The data required on Water Use Summary Reporting Form NFWWMD A2-I for the preceding three months. Separate forms shall be used to account for water provided to the Mid-County Service Area, the Garniers/County West System, and the City of Crestview.
 - b. Itemized estimate of unaccounted for water within the Mid-County service area by suspected cause (e.g., leaks, breaks, line flushing, etc.) starting with the January 31, 2000 report.
 - c. Static water level collected according the schedule identified in Specific Condition 14b.
 - d. Water quality data collected according the schedule identified in Specific Condition 14c and submitted by October 31 of each year.
 - e. Updates on any adopted revisions to the Mid-County Service Area Map.

The next report is due by July 31, 1998, for the months of April through June. Reference to any of the utility's wells shall be made by the Florida Unique Identification Number.

16. The Permittee shall mitigate any unexpected impacts attributable to the County's withdrawals which interfere with any presently existing legal users of water. In the event of such an occurrence, the County shall provide a service connection to the impacted user or otherwise mitigate the impact.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>19860020 Renewal/Modification</u>
<u>Seminole Community Center, Inc.</u>	Date Permit Granted: <u>April 26, 2001</u>
<u>Post Office Box 5294</u>	Permit Expires On: <u>April 27, 2006</u>
<u>Niceville, Florida 32578-5294</u> <small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Okaloosa</u> Area: <u>A</u>	Location: Section <u>24</u> 1/4 Section _____
Application No.: <u>I05977</u>	Township <u>1 South</u> Range <u>24 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **113,000** gallons of water per day, a maximum combined withdrawal of **243,000** gallons during a single day, and a combined monthly withdrawal of **5,300,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
SCC #2 – AAA5080	Sec. 24, T1S, R24W		86,400
SCC #3 – AAA5082	Sec. 24, T1S, R24W		86,400
SCC #5 – AAA5050	Sec. 24, T1S, R24W		86,400
SCC #6 – AAA5052	Sec. 24, T1S, R24W		86,400
SCC #7 – AAA8346	Sec. 24, T1S, R24W		86,400

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
Seminole Community Center, Inc.

Individual Water Use Permit No. 19860020
Individual Water Use Application No. I05977

1. The Permittee shall record the data required on Water Use Summary Reporting Form, NFWFMD A2-I, and submit copies to the District by January 31 each year. The Permittee shall ensure the form is completed in its entirety, including providing monthly totals for the water withdrawn from each well. Also, the Permittee, along with the water use report, shall provide an estimate of the monthly and annual volume of unaccounted for water experienced by the water system. The Permittee, when corresponding with the District, shall reference the utility's wells by the Florida Unique Identification Number (FLUID) and Individual Water Use Permit Number 19860020.
2. The Permittee, by December 31, 2002, shall implement a water use accounting system that provides for an accurate determination of the amounts of water withdrawn, the amounts of water metered to customers, and the amounts unaccounted for. The Permittee, as part of this effort, shall also undertake efforts to reduce unaccounted for water losses. The Permittee, by December 31, 2001, shall contact the Florida Rural Water Association for assistance in identifying the most effective measures to reduce water losses.
3. The Permittee, by permit renewal shall have in place a comprehensive water conservation program. The Program shall include a proactive customer education program designed to regularly inform year-round residents of ways to save water and enhance efficiency. The program shall specifically inform customers of the use of Xeriscape landscaping techniques and the requirement of Chapter 373.62, Florida Statutes, for the installation of an automatic irrigation shut-off device.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NWFWMMD Form No. A2-E)

Permit granted to:	Permit No.: <u>1998-0046</u>
<u>South Walton Utility Company, Inc.</u>	Date Permit Transferred: <u>April 17, 2000</u>
<u>79 Old Highway 98</u>	Date Permit Granted: <u>June 2, 1999</u>
<u>Destin, Florida 32541-4122</u>	Permit Expires On: <u>June 26, 2018</u>
<small>(Legal Name and Address)</small>	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Walton</u> Area: <u>B</u>	Location: Section <u> </u> 1/4 Section <u> </u>
Application No.: <u>I05349</u>	Township <u>1 North</u> Range <u>18, 19 West</u>

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **4,840,000** gallons of water per day, a maximum combined withdrawal of **4,840,000** gallons during a single day, and a combined monthly withdrawal of **150,040,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
SWUC # 8 (WRP #1)	Sec. 13, T1N, R19W		1,440,000 Proposed
SWUC # 9 (WRP #2)	Sec. 18, T1N, R18W		1,440,000 Proposed
SWUC # 10 (WRP #3)	Sec. 17, T1N, R18W		1,440,000 Proposed
SWUC # 11 (WRP #4)	Sec. 16, T1N, R18W		1,440,000 Proposed
SWUC # 12 (WRP #5)	Sec. 15, T1N, R18W		1,440,000 Proposed

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.
12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.

13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
South Walton Utility Company, Inc.

Individual Water Use Permit No. 1998-0046
Individual Water Use Application No. I05349

COMPLIANCE REPORT and RESOURCE RECOVERY PERMIT CONDITIONS

1. The Permittee, by April 30 of the years 2004, 2009, and 2014, shall provide a compliance report to the District as provided by Chapter 373.236, F.S. The compliance report shall provide detailed information on the following items:
 - a. Operational status of each approved inland well and each well within the coastal service areas of Destin Water Users, Inc. (DWU) and SWUC.
 - b. Summary of annual pumping reports (ADR, MDR and MMR) for each of the inland wells and each well within the coastal service areas of DWU and SWUC. The data shall be summarized by utility.
 - c. Summary of annual pumping reports (ADR, MDR and MMR) of the water provided separately to DWU and SWUC from the inland wellfield.
 - d. Updates to the required Resource Recovery Plan as stipulated by Specific Condition No. 2.
 - e. Summary of the actual water use information for each utility, separately and combined, for the applicable benchmark periods identified below:

January 1, 1997 – December 31, 2003
January 1, 1997 – December 31, 2008 and January 1, 2004 – December 31, 2008
January 1, 1997 – December 31, 2013 and January 1, 2009 – December 31, 2013
 - f. Summary of the annual amounts of water provided to Florida Community Services Corporation of Walton County or other entities on an emergency basis.
 - g. Certification that the authorized withdrawal amounts from the inland and the coastal wellfields have not been exceeded.
 - h. Summary of the water level and water quality data collected pursuant to Specific Condition No. 14. The data shall be evaluated for trends and, if present, how such trends may effect legal users in the area.
 - i. A detailed status report on each reuse, water conservation and efficiency measure being implemented in each of the service areas. The report shall specifically provide the information identified in Specific Conditions 3-12, along with implementation goals

and dates, achievement highlights, and other information that describes the success and future goals of the program.

- j. The Permittee shall also determine the total amount of water being billed to each type of customer within each of its service areas, and divide each total by the number of meters of each customer type. These analyses will be used to identify trends in total water use, and water conservation/efficiency within each of the service areas. The Permittee may submit additional analytical information in support of its water conservation and efficiency initiatives.
 - k. Summary of per capita demands within each service area for each of the five previous years. The Permittee shall also measure water efficiency/conservation progress by aggregating the total amount of water being withdrawn from each well within a service area and the total amount of water being transported into the service area, and dividing this number by the population served within the service area. Per capita demands can be calculated by dividing the total water use by the population served. If per capita demands are skewed by the demands of significant water uses, the Permittee can deduct these uses and account for them separately. Significant water users can be considered to be an individual non-residential customer using 25,000 gallons per day or greater on an annual average basis. The method of estimating the population served shall be provided by the summary.
2. DWU and SWUC, by the year 2018, shall reduce their combined annual average daily coastal withdrawals 1.78 Mgal/d below the 1997 actual use of 4.84 Mgal/d. This coastal water use reduction stipulation may be adjusted by the District after review of information submitted in the compliance reports required by Specific Condition No. 1, and on the implementation of water conservation and efficiency measures required by Specific Conditions 3-12.
- a. The Permittee, by December 31, 2000, shall submit to the District a “Resource Recovery Plan” providing steps and goals for the progressive phased implementation of the stipulated coastal withdrawal reduction. The coastal withdrawal reduction shall be achieved in phases such that specific goals are attained by December 31 of the years 2003, 2008, 2014 and 2017.
 - b. The “Resource Recovery Plan” shall detail how the reductions will be achieved and the amount of water that will be reduced from the coastal withdrawals within each service area.
 - c. The “Resource Recovery Plan” shall be updated and submitted as part of the required compliance reports stipulated in Specific Condition No. 1. The updates to the plan shall identify coastal water reduction achievements, future goals, and revisions, if any, to the most recent coastal withdrawal reduction schedule provided.

WATER CONSERVATION AND WATER EFFICIENCY PERMIT CONDITIONS

The following conditions supplant and supersede the water conservation and efficiency conditions stipulated by Permit No. S830102 issued to Destin Water Users, Inc., on June 26, 1997 (Specific Conditions No. 3 and 4), and by Permit No. S840010 issued to South Walton Utility Company, Inc., on April 25, 1996 (Specific Conditions No. 8 and 12).

3. DWU and SWUC shall provide for 100 percent utilization of available reuse supplies. This effort shall provide for the expansion of existing pressurized distribution systems. The Utilities, when allocating the reuse supplies, shall give primary consideration to customers that presently utilize the Floridan Aquifer for non-potable users. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall provide the District with regular progress reports.

The required progress reports shall identify the number of residential, commercial and other type of users being served by the pressurized distribution systems of each utility, and the total volume of reclaimed water distributed by each system annually. The report shall also identify the amounts of water distributed to golf courses, spray irrigation fields, percolation ponds, and other disposal sites each year. Finally, the report shall identify the progress and plans being made to fulfill the permit conditions and the achievement of the 100 percent reuse goal. The Permittee, by January 31 of each year, shall submit a copy of the referenced reuse data compiled for the preceding year.

4. DWU and SWUC shall consider refining their respective inverted block rate structures to further promote water use efficiency and discourage waste. Any refinements shall take into consideration the water use characteristics of each service area and provide financial incentives to customers to conserve and use water efficiently. The Permittee shall initiate the evaluation of the rate structure by June 30, 1999. The Permittee, by June 30 of each year, shall submit a copy of the present rate structures to the District. The Permittee, as part of the compliance reporting required by Specific Condition No. 1, shall also submit to the District the most recently adopted rate structure.
5. DWU and SWUC shall consider revising existing membership and/or tap fees (non-rate) fees to promote the use of Xeriscape landscaping techniques and the installation of high-efficiency plumbing fixtures which exceed the present standards of the southern building code. Each Utility shall initiate the evaluation of the recommended revisions by June 30, 1999. The Permittee, by December 31, 1999, shall report to the District actions undertaken as a result of the required evaluation. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District the most recently adopted membership and tap fees and identify any incentive provided by the fee structure.
6. DWU and SWUC shall discontinue the installation and use of yard meters. The Permittee shall provide for the removal of existing yard meters or revise the rate structure of yard meters to discourage their use. Each Utility shall initiate the required actions by June 30, 1999. Full discontinuation of yard meters, or the adoption of a rate structure to discourage their use, shall be achieved by December 31, 2000. The Permittee, by December 31, 1999,

shall submit a status report to the District. The Permittee, as part of the compliance report required by Specific Condition No. 1, shall also submit to the District an update on the achievement of the requirements of this condition.

7. DWU and SWUC shall not provide water from their public water supply systems to customers to fill or augment the level of water bodies used for aesthetic or for other non-potable purposes.
8. DWU and SWUC shall reduce water losses and unaccounted for supplies to less than ten percent of the water withdrawn from the Floridan Aquifer System. The Utilities shall conduct yearly audits of the system to identify the discrepancy between the amount of water withdrawn from the authorized wells and the totals billed to the customers. The Utilities shall implement any necessary measures to provide for the identification of unaccounted for water totals, and to reduce water losses to less than ten percent of the total withdrawn.

The Permittee shall provide yearly progress reports to the District of the unaccounted for totals and the actions taken to reduce the system water losses. The required status reports shall be submitted by January 31 of each year. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District an update on the actions undertaken and achievement of the requirements of this condition.

9. DWU and SWUC shall promote and formally request the appropriate local governments to adopt a Xeriscape Ordinance within their respective service areas that, at a minimum, meets the provisions of Chapter 373.185, Florida Statutes. The Utilities shall initiate the required actions by June 30, 1999. The Permittee, by December 31, 1999, shall submit a status report to the District. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District, an update on the achievement of the requirements of this condition.
10. DWU and SWUC shall promote and formally request the appropriate local government to adopt an ordinance to provide for enhanced irrigation efficiency hours and for alternate days for irrigation within their respective service areas. This ordinance shall not apply during the first five years to irrigation systems utilizing reclaimed water. The Utilities shall initiate the required actions by June 30, 1999. SWUC, by December 31, 1999, shall submit a status report to the District. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District, an update on the achievement of the requirements of this condition.
11. DWU and SWUC shall implement a plumbing fixtures retrofit program designed to enhance water use efficiency. The Utilities, at a minimum, shall provide toilet tank displacement and faucet and showerhead aerators/flow-restrictors to all of its customers. The customers' kits shall provide sufficient units to retrofit all faucets and showerheads within a household or business establishment. The Permittee shall provide special assistance to hotels, motels and condominiums.

The Permittee shall initiate the required actions by June 30, 1999. A status report shall be submitted to the District by December 31 of each year. The retrofit program shall be completed by December 31, 2008. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District an update on the actions undertaken, and success achieved.

12. DWU and SWUC shall undertake a comprehensive public education and information campaign to promote water conservation and efficiency. The campaign shall consist of newspaper notices and articles, periodic radio and television announcements, periodic mail-outs to customers and the posting of signs in the rooms of hotels, motels and rental property. The campaign shall be oriented to emphasize the program being implemented and water conservation in general. The campaign shall be designed to regularly reach permanent and part-time residents and tourists.

The Permittee shall initiate the required actions by June 30, 1999. A status report shall be submitted to the District by December 31 of each year. The Permittee, as part of the compliance reports required by Specific Condition No. 1, shall also submit to the District, an update on the actions undertaken, and success achieved.

GROUND WATER EVALUATION, MONITORING, AND REPORTING PERMIT CONDITIONS

13. The Permittee, shall conduct a specific capacity test on each proposed well at the time of construction. The test shall be of at least a 24 hour duration. The results of the tests shall be forwarded to the District within 60 days of completion of the well, along with any driller's logs, geophysical logs, and water quality analysis conducted as part of the well construction process.
14. The Permittee shall establish a network of monitoring wells to assess trends in water level and/or water quality variations in the Floridan and the Surficial Aquifers. The Permittee shall:
 - a. Maintain the existing Surficial Aquifer observation/monitoring well constructed in the immediate vicinity of SWUC production Well #9 (WRP production Well #2).
 - b. Prepare as necessary existing wells AAA9031 (FAF Well #15) and AAA9042 (FAF Well #47) located along the southern boundary of the Inland wellfield property for use as Floridan Aquifer monitor wells.
 - c. Install, at a site approximately two to three miles north of the Inland wellfield, one four-inch diameter monitor well to the proposed production depth (equivalent casing and total depth, as referenced to sea level) of the SWUC/WRP public supply wells. The selected site shall be submitted to the District for review and approval.

- d. Install, at a site immediately adjacent to Hwy 20 and within Range 18 West, one four-inch diameter monitor well to the proposed production depth (equivalent casing and total depth, as referenced to sea level) of the SWUC/WRP public supply wells. The selected site shall be submitted to the District for review and approval.
- e. Survey the measuring point and the surface elevation at each monitoring well and each production well at the time of construction, relative to the National Geodetic Vertical Datum (NGVD). These data shall be provided, along with a photograph of the wellhead, within 60 days of well construction
- f. Using a District-approved device, have water level measurements taken during the first two weeks of each month from all monitoring and production wells. The Permittee shall contact the District for assistance in designing the method and specifics of data collection. The data shall be submitted quarterly with the water system's pumping reports as specified in Specific Condition No.15. If the Permittee intends to use the airline method to determine water levels, the Permittee, at the time of pump installation, shall provided documentation regarding measured airline length and a description of the airline datum, including its relative elevation. Water level data obtained from the production wells shall be representative of static conditions.
- g. Conduct water quality analysis tests on water from production well #2 during the first two weeks of the months of January, April, July, and October. The water quality analysis shall test for the following chemical parameters: chloride, sodium, sulfate, bicarbonate, carbonate, calcium, magnesium, potassium, and total dissolved solids. Prior to sampling, the Permittee shall purge a minimum of three to five well volumes from the wells, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used. The data shall be submitted with the water system's pumping reports as specified in Specific Condition No. 15.

The Permittee, by June 30, 1999, shall have all monitoring wells in place and prepared for monitoring. The monitoring wells shall be equipped with locking steel protective casing to prevent vandalism of the wellhead.

- 15. The Permittee, by January 31, April 30, July 31, and October 31 of each year, shall report the following information.
 - a. The data required on Water Use Summary Reporting Form NFWWMD A2-I for the preceding three months for all inland withdrawals. The amounts of water provided from the inland wellfield to each, DWU and SWUC, shall also be reported using the referenced forms. Flow meters shall be installed on the production wells at the time of construction and maintained in working order.
 - b. The information required in Specific Condition No. 8 addressing "unaccounted for water" within each service area.

- c. The static water level and water quality data collected according to the schedule identified in Specific Condition 14.

The Permittee shall reference the utility's wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).

- 16. The Permittee, by December 31, 1999, shall submit to the District a plan for the scheduled abandonment of all remaining former First American Farms agriculture wells located within the Inland wellfield property (FAF Wells #15 and #47 not included) and the three Floridan Aquifer observation wells in proximity to SWUC Well #9 (WRP Well #2). The abandonment plan shall provide for the proper plugging of the wells to District Standards by December 31, 2001.
- 17. The Permittee shall mitigate impacts attributable to the authorized withdrawal that interferes with users of water in the vicinity of the Inland Wellfield. The Permittee shall report the occurrence of any such impacts to the District and shall identify the mitigation action undertaken to address the impacts.

The Permittee shall have the responsibility of restoring potable water service to domestic users, by repairing or replacing wells impaired by the authorized public supply withdrawal. To effectuate the requirements of this permit condition and Standard Permit Condition No. 11, at a minimum, the following actions are required:

- a. The Permittee shall contract with several licensed water well contractors to address citizen's complaints relating to water level impaired wells. The selected contractors must agree to respond within 48 hours of any service referral.
- b. The Permittee shall operate a telephone service to receive complaints from the public and to arrange for necessary repairs.
- c. The Permittee shall inform the District, on a regular basis, of received complaints and the established repair appointment. This notification will allow the District the opportunity to conduct random inspections of the scheduled work, and to undertake measurements of water levels at the referred well.
- d. The Permittee shall require the selected licensed water well contractor to determine that the referred well has been impaired by reduced water levels. The Permittee may require the licensed water well contractor certify his determination, and the work undertaken to address the user complaints.
- e. The Permittee shall be responsible for the payment of services rendered by the licensed water well contractor.
- f. The Permittee shall have the responsibility of establishing a reserve fund to provide for any necessary domestic well mitigation. The reserve shall have sufficient funds to undertake necessary mitigation. The reserve shall be replenished as needed. The

Permittee, on January 31 of each year, shall inform the District of the funds set aside for mitigation, and of the number of wells repaired or replaced during the previous year.

- g. The Permittee shall monitor and record water levels in the vicinity of its wellfield as provided by specific Permit Condition No. 14.
 - h. These outlined actions may be modified, if the Permittee enters into an agreement to establish the Walton Water Cooperative, and if the Cooperative provides the required services on behalf of SWUC, FCSC or the City of Freeport.
- 18. DWU and SWUC shall comprehensively determine the economic, technical and environmental feasibility of constructing and operating a desalination treatment facility prior to a request for additional water supplies from existing, or newly proposed ground water sources. The Permittee shall fully demonstrate that desalination is not a viable option prior to the filing of an application for additional ground water supplies.
 - 19. DWU and SWUC shall execute the acceptance of Terms and Conditions attached as Appendix IV.
 - 20. The allocation of water provided for in this permit is intended to supply the water use needs of DWU and SWUC. Should the Permittee propose to use any part of the allocation provided for herein to supply customers other than DWU or SWUC, it must first modify this permit.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL WATER USE PERMIT
(NFWFMD Form No. A2-E)

Permit granted to:	Permit No.: <u>19840010 Renewal/Modification</u>
<u>South Walton Utility Company, Inc.</u> <u>Coastal Wellfield</u> <u>79 Old Highway 98</u>	Date Permit Granted: <u>June 28, 2001</u>
<u>Destin, Florida 32550</u> <small>(Legal Name and Address)</small>	Permit Expires On: <u>June 29, 2006</u>
	Source Classification: <u>Floridan Aquifer</u>
	Use Classification: <u>Public Supply</u>
County: <u>Walton</u> Area: <u>A</u>	Location: Section _____ 1/4 Section _____
Application No.: <u>I05991</u>	Township _____ Range _____

Terms and standard conditions of this Permit are as follows:

1. That all statements in the application and in supporting data are true and accurate and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the conditions set forth herein, then this Permit shall be revoked as provided by Chapter 373.243, Florida Statutes.
2. This Permit is predicated upon the assertion by the Permittee that the use of water applied for and granted is and continues to be a reasonable and beneficial use as defined in Section 373.019(4), Florida Statutes, is and continues to be consistent with the public interest, and will not interfere with any legal use of water existing on the date this Permit is granted.
3. This Permit is conditioned on the Permittee having obtained or obtaining all other necessary permit(s) to construct, operate and certify withdrawal facilities and the operation of water system.
4. This Permit is issued to the Permittee contingent upon continued ownership, lease or other present control of property rights in underlying, overlying, or adjacent lands. This Permit may be assigned to a subsequent owner as provided by Chapter 40A-2.351, Florida Administrative Code, and the acceptance by the transferee of all terms and conditions of the Permit.

5. This Permit authorizes the Permittee to make a combined average annual withdrawal of **2,350,000** gallons of water per day, a maximum combined withdrawal of **5,000,000** gallons during a single day, and a combined monthly withdrawal of **120,000,000** gallons. Withdrawals for the individual facilities are authorized as shown in the table below in paragraph six. However, the total combined amount of water withdrawn by all facilities listed in paragraph six shall not exceed the amounts identified above.
6. Individual Withdrawal Facility Authorization

WITHDRAWAL POINT ID NO.	LOCATION SEC,TWN,RNG	GALLONS/DAY AVERAGE	GALLONS/DAY MAXIMUM
SWUC #1 (AAA0457)	Sec. 28, T2S, R21W		360,000
SWUC #2 (AAA6927)	Sec. 27, T2S, R21W		1,368,000
SWUC #3 (AAA0458)	Sec. 30, T2S, R21W		936,000
SWUC #4 (AAA0460)	Sec. 26, T2S, R21W		792,000
SWUC #5 (AAA6928)	Sec. 25, T2S, R21W		792,000
SWUC #6 (AAA0459)	T2S, R22W		1,440,000
SWUC #7(AAB1321)	T2S, R22W		1,440,000

7. The use of the permitted water withdrawal is restricted to the use classification set forth by the Permit. Any change in the use of said water shall require a modification of this Permit.
8. The District's staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this Permit.
9. The District's staff, upon providing prior notice and proper identification, may request permission to collect water samples for analysis, measure static and/or pumping water levels and collect any other information deemed necessary to protect the water resources of the area.
10. The District reserves the right, at a future date, to require the Permittee to submit pumpage records for any or all withdrawal point(s) covered by this Permit.
11. Permittee shall mitigate any significant adverse impact caused by withdrawals permitted herein on the resource and legal water withdrawals and uses, and on adjacent land use, which existed at the time of permit application. The District reserves the right to curtail permitted withdrawal rates if the withdrawal causes significant adverse impact on the resource and legal uses of water, or adjacent land use, which existed at the time of permit application.

12. Permittee shall not cause significant saline water intrusion or increased chloride levels. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause significant saline water intrusion or increased chloride levels.
13. The District, pursuant to Section 373.042, Florida Statutes, at a future date, may establish minimum and/or management water levels in the aquifer, aquifers, or surface water hydrologically associated with the permitted withdrawals; these water levels may require the Permittee to limit withdrawal from these water sources at times when water levels are below established levels.
14. Nothing in this Permit should be construed to limit the authority of the Northwest Florida Water Management District to declare water shortages and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate and implement a plan during periods of water shortage pursuant to Section 373.246, Florida Statutes, or to declare Water Resource Caution Areas pursuant to Chapters 40A-2.801, and 62-40.41, Florida Administrative Code.
 - (a) In the event of a declared water shortage, water withdrawal reductions shall be made as ordered by the District.
 - (b) In the event of a declared water shortage or an area as a Water Resource Caution Area, the District may alter, modify or inactivate all or parts of this permit.
15. The Permittee shall properly plug and abandon any well determined unsuitable for its intended use, not properly operated and maintained, or removed from service. The well(s) shall be plugged and abandoned to District Standards in accordance with Section 40A-3.531, Florida Administrative Code.
16. Any Specific Permit Condition(s) enumerated in Attachment A are herein made a part of this Permit.

Authorized Signature
Northwest Florida Water Management District

ATTACHMENT A
South Walton Utility Company, Inc.
Coastal Wellfield

Individual Water Use Permit No. 19840010
Individual Water Use Application No. I05991

1. The Permittee, using a District-approved device, shall have water level measurements taken during the first two weeks of each month from all monitoring and production wells. The data shall be submitted quarterly with the water system's pumping reports as specified below in Specific Condition No. 3. Water level data obtained from the production wells shall be representative of static conditions.
2. The Permittee shall conduct water quality analysis tests on water from all production wells during the first two weeks of the months of January, April, July, and October. The water quality analysis shall test for the following chemical parameters: chloride, sodium, and total dissolved solids. Prior to sampling, the Permittee shall purge a minimum of three to five well volumes from the wells, and shall report with each set of test results, the duration of purging, purge volume, and purge rates used. The data shall be submitted with the water system's pumping reports as specified below in Specific Condition No. 3.
3. The Permittee, by January 31, April 30, July 31, and October 31 of each year, shall report the following information.
 - a. The data required on Water Use Summary Reporting Form NFWFMD A2-I for the preceding three months for all coastal production wells. The Permittee shall coordinate this information with that provided for the inland wellfield in such a way as to clearly identify, the average daily, maximum daily, and maximum monthly amounts of water obtained by SWUC from its coastal wells, its inland wellfield and as a system total. Flow meters shall be maintained in working order on all production wells.
 - b. The static water level and water quality data collected according to the schedule identified above in Specific Conditions No. 1 and No. 2.

The Permittee shall reference the utility's wells by their Florida Unique Identification Number when corresponding with the District (e.g., pumping reports).

4. The Permittee shall mitigate impacts attributable to the authorized withdrawals that interfere with users of water in the vicinity of its coastal wells. The Permittee shall report the occurrence of any such impacts to the District and shall identify the mitigation action undertaken to address the impacts.
5. The Permittee shall continue to comply with any and all duties and responsibilities that are placed upon them under Individual Water Use Permit No. 19980046.